

# SuperCalc3a

## User's Guide & Reference Manual

First Edition

**MARCH, 1985**

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# INTRODUCTION

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## Introduction

Sorcim/IUS did not invent the electronic spreadsheet, but we did spend years perfecting it. We also added full-featured graphs and a very useful information handler called Data Management.

SuperCalc3a for the Apple (or SuperCalc3, as we refer to it in this manual), is the latest version of one of the most popular and well-received spreadsheet and integrated software products in the world. Independent reviewers have consistently given very high marks to every program and reference manual in the SuperCalc line — a record of excellence we work hard to maintain.

## Putting This Program To Good Use

In broadest terms, you can use this program to:

Build and manipulate very large tables of facts and figures.

Visualize and present your data as charts and graphs.

Search and retrieve data selectively from hundreds of records and thousands of data items.

Save data entry time, save numeric data calculation time, save data lookup and retrieval time — and most of all, save time when you want to make changes or revisions, or see your data and graphs in a different form.

## INTRODUCTION

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### Other Programs In This Package

Use the three additional utility programs in this package to print extra-wide spreadsheets sideways; convert data from other programs (such as VisiCalc and AppleWorks) to SuperCalc3 format or vice versa; transfer data from your Apple computer to an MS-DOS or PC-DOS based computer, or vice versa.

### Applications

Applications for SuperCalc3 are so many and varied we can barely scratch the surface. Some of the more common applications are:

- Budget management
- Forecasts (including "what-if" simulations)
- Sales and profit projections
- Sales performance analysis
- Investment portfolio and estate management
- Financial planning
- Market analysis
- Comparative investment analysis
- Client or patient records
- Name & address list maintenance
- Personnel records maintenance
- Inventory records management
- Tax estimation and projection
- Job cost estimates
- Balance sheet and income statement preparation
- Interest calculations
- Lease vs. Buy analysis
- Cash receipts summaries



# INTRODUCTION

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Internal rate of return  
Net present value  
Make vs. Buy decisions  
Depreciation tables  
Payroll systems  
Linear regression  
Breakeven analysis  
Statistical applications  
Trigonometric applications

## Program Highlights

### Large Useable Spreadsheet

SuperCalc3 gives you 254 rows and 63 columns to work with (16,002 possible entries). And our sparse matrix memory manager gives you up to 300% more useable cells. Develop more complex and sophisticated spreadsheets than you can with any other product because SuperCalc3a doesn't waste valuable memory tracking empty cells.

### Over 50 Built-in Functions

Financial functions such as Internal Rate of Return, Net Present Value, and Mortgage Payments.

Math functions such as Round, Average, Sum, and a Random Number Generator that can be used for Monte Carlo Simulations.

Trigonometric functions such as Sin, Cosine, and Tangent.

Textual functions that allow you to enter text into cells that can then be referenced in other cells or in lookup tables.

# INTRODUCTION

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Calendar and date functions for financial calculations and scheduling.

## **Many Formatting Options**

All the formatting options you need for your business or scientific reports are included: floating dollar signs, commas in numbers, negative numbers in parentheses, user-set decimal places, options for centering or left- or right-justifying text and numbers, and many others.

## **Consolidation**

Combine data from many spreadsheets to produce summary documents. Even do currency conversion, partial loads & saves.

## **Inverse Video for Pointing**

Of course, you can point to ranges or to cells when writing formulas. And when you point to a range of cells, SuperCalc3 highlights the cells you indicate in inverse video. This saves time so you're certain you've selected the right cells.

## **ProDOS File Path Support**

Use ProDOS file paths when you save or load files. Even create directories under program control.

## **Separate Windows for a Closer Look**

Use up to two windows — even display results in one and formulas in the other. And each window can be scrolled independently.

## INTRODUCTION

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### **And many more spreadsheet features**

Rapid scrolling using page up, down, left, or right, goto a cell, and home.

Individually adjustable column widths.

The ability to hide rows and/or columns (with SuperCalc's HIDE format, and with column widths down to zero).

The option to protect cells so that they cannot be deleted or edited (and a global unprotect feature that can temporarily turn off protection for the whole spreadsheet).

Execute command files, that allow you to develop "canned" applications, or store frequently-used keystroke sequences for easy use of your templates.

### **Seven Graph Types**

Produce pie (and exploded pie) charts, bar and stacked bar graphs, area, line, Hi-Lo-Open-Close, and X-Y graphs.

### **Plot or View Graphs**

View graphics on the screen in up to 15 colors, or plot or print high-resolution, integrated graphics in up to 99 colors.

# INTRODUCTION

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## **Spreadsheet Data Base**

Optionally find, extract, or selectively extract data from your spreadsheet data base with a minimal number of keystrokes. The data base can have up to 253 records with as many as 63 fields per record. Each field can be up to 116 characters long. Because data is kept in memory, all operations are fast.

## **Sorting**

Sort rows or columns alphabetically or numerically using a primary and secondary key with SuperCalc3's dictionary sort. Get "Dean, deLuca, Zabar" rather than "Dean, Zabar, deLuca."

## **10 Minutes to SuperCalc3a**

Create your first spreadsheet in just ten minutes with our self-paced starter guide.

## **Tutorial and demo files**

Learn quickly using real-life examples in our extensive tutorials. Sample files demonstrate simple applications such as payroll and income statements.

## **AnswerKey™**

Get on-screen help fast with one keystroke.

# INTRODUCTION

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## **Ready To Go**

No special installation program is required. Select or change the printer or plotter setting while the program is running.

## **Sideways™**

Print wide reports easily without cutting and pasting using Sideways.

## **Share Information**

Share information with other programs using SuperData™ Interchange, which can read VisiCalc™ and AppleWorks data and logic files, or read and write DIF™ files for other programs. Even transfer SuperCalc files to/from an IBM personal computer using the included send/receive utility.

